

ABSTRACT OF THE DISCLOSURE

A refrigerator incorporates a variable speed refrigeration system including a variable speed compressor, a variable speed evaporator fan, a variable speed fresh food compartment stirring fan and a variable position
5 damper. Various temperature sensors are provided to sense system parameters which are used by a controller to regulate each of the variable components in order to compensate for temperature changes within at least one refrigerator compartment in a highly effective, energy efficient and synergistic manner.